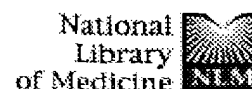


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















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
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
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
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
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
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
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











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
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



















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


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








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
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
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




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
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











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














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
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
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
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
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

















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
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
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
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
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
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
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












[Des-Asp1] angiotensin II: mediator of the renin-angiotensin system?





















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

















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
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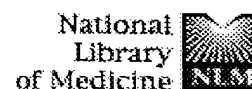
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
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
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
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
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
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
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
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
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
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
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
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
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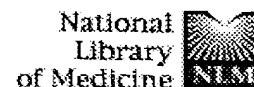
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CS Dept. of Microbiology, Univ. of Pennsylvania, Philadelphia, PA, USA
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 687.13. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
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TI Employing a superior BACE1 cleavage sequence to probe cellular ***APP*** processing.
AU Tomasselli, Alfredo G.; Qahwash, Isam; Emmons, Thomas L.; Lu, Yifeng; Leone, Joseph W.; Lull, June M.; Fok, Kam F.; Bannow, Carol A.; Smith, Clark W.; Bienkowski, Michael J.; Heinrikson, Robert L.; Yan, Riqiang [Reprint Author]
CS Pharmacia Corporation, 301 Henrietta St., Kalamazoo, MI, 49007, USA
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SO Journal of Neurochemistry, (March 2003) Vol. 84, No. 5, pp. 1006-1017. print.
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TI A non-amyloidogenic function of BACE-2 in the secretory pathway.
AU Fluhrer, Regina; Capell, Anja; Westmeyer, Gil; Willem, Michael; Hartung, Bianka; Condron, Margaret M.; Teplow, David B.; Haass, Christian; Walter, Jochen [Reprint author]
CS Department of Neurology, Laboratory for Molecular Neurology, University of Bonn, Sigmund-Freud-Str. 25, 53127, Bonn, Germany
chaass@pbm.med.uni-muenchen.de; jwalter@pbm.med.uni-muenchen.de
SO Journal of Neurochemistry, (June, 2002) Vol. 81, No. 5, pp. 1011-1020. print.
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CS Center for Neurodegenerative Disease Research, Department of Pathology and Laboratory Medicine, HUP, Maloney 3, Philadelphia, PA, 19104-4283, USA
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SO Biochemistry, (March 5, 2002) Vol. 41, No. 9, pp. 3128-3136. print.
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ED Entered STN: 16 Jan 2002
Last Updated on STN: 25 Feb 2002

L6 ANSWER 6 OF 145 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:482295 BIOSIS
DN PREV200100482295
TI Intracellular localization of BACE affects cleavage site specificity on the amyloid precursor protein.
AU Huse, J. T. [Reprint author]; Pijak, D. S. [Reprint author]; Lee, V. M. Y. [Reprint author]; Doms, R. W. [Reprint author]
CS Dept of Microbiology, Univ Pennsylvania Med Sch, Philadelphia, PA, USA
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 510. print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 17 Oct 2001
Last Updated on STN: 23 Feb 2002

L6 ANSWER 7 OF 145 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:482293 BIOSIS
DN PREV200100482293
TI Prodomain processing of ***Asp1*** (BACE2) is autocatalytic.
AU Hussain, I. [Reprint author]; Christie, G. [Reprint author]; Schneider, K.; Moore, S. [Reprint author]; Dingwall, C. [Reprint author]
CS Neurology Centre of Excellence for Drug Discovery, GlaxoSmithKline, Harlow, Essex, CM19 5AW, UK
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 509. print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 17 Oct 2001
Last Updated on STN: 25 Feb 2002

L6 ANSWER 8 OF 145 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 2001:482290 BIOSIS
DN PREV200100482290
TI Glu11 cleavage upon BACE over expression.
AU Liu, K. [Reprint author]; Doms, R. W.; Lee, V. M.
CS Biology, University of Pennsylvania, Philadelphia, PA, USA
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 509. print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San
Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 17 Oct 2001
Last Updated on STN: 23 Feb 2002

L6 ANSWER 9 OF 145 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:32711 BIOSIS
DN PREV200100032711
TI ***Asp1*** (BACE2) cleaves the amyloid precursor protein at the beta-
secretase site.
AU Hussain, I.; Powell, D. J.; Howlett, D. R.; Chapman, G. A.; Gilmour, L.;
Murdock, P. R.; Tew, D. G.; Meek, T. D.; Chapman, C.; Schneider, K.;
Ratcliffe, S. J.; Tattersall, D.; Testa, T. T.; Southan, C.; Ryan, D. M.;
Simmons, D. L.; Walsh, F. S.; Dingwall, C.; Christie, G. [Reprint author]
CS Department of Neuroscience Research, SmithKline Beecham Pharmaceuticals,
New Frontiers Science Park, Harlow, Essex, CM19 5AW, UK
Gary_Christie@sbphrd.com
SO Molecular and Cellular Neuroscience, (November, 2000) Vol. 16, No. 5, pp.
609-619. print.
CODEN: MOCNED. ISSN: 1044-7431.
DT Article
LA English
ED Entered STN: 10 Jan 2001
Last Updated on STN: 12 Feb 2002

L6 ANSWER 10 OF 145 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:439475 CAPLUS
DN 137:197417
TI Specificity of Memapsin 1 and Its Implications on the Design of Memapsin 2
(.beta.- ***Secretase***) Inhibitor Selectivity
AU Turner, Robert T., III; Loy, Jeffrey A.; Nguyen, Chan; Devasamudram,
Thippeswamy; Ghosh, Arun K.; Koelsch, Gerald; Tang, Jordan
CS Protein Studies Program Department of Biochemistry and Molecular Biology,
Oklahoma Medical Research Foundation University of Oklahoma Health
Sciences Center, Oklahoma City, OK, 73104, USA
SO Biochemistry (2002), 41(27), 8742-8746
CODEN: BICHAW; ISSN: 0006-2960
PB American Chemical Society
DT Journal
LA English

RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 11 OF 145 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:525847 CAPLUS
DN 135:104271
TI Alzheimer's disease-associated .beta.- ***secretase*** and amyloid
precursor protein substrates and their therapeutic uses
IN Bienkowski, Michael Jerome; Gurney, Mark E.; Heinrikson, Robert Leroy;
Parodi, Luis A.; Yan, Riqiang
PA USA
SO PCT Int. Appl., 185 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001050829	A2	20010719	WO 2001-IB799	20010509
	WO 2001050829	A3	20031204		
	W: US				
PRAI	US 1999-416901	A1	19991013		

L6 ANSWER 12 OF 145 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:507467 CAPLUS
DN 135:104269

TI Alzheimer's disease-associated .beta.- ***secretase*** and amyloid
precursor protein substrates and their therapeutic uses
IN Bienkowski, Michael Jerome; Gurney, Mark E.; Heinrikson, Robert Leroy;
Parodi, Luis A.; Yan, Riqiang
PA USA
SO PCT Int. Appl., 185 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001049098	A2	20010712	WO 2001-IB798	20010509
	WO 2001049098	A3	20031120		
	W: US				
PRAI	US 1999-416901	A1	19991013		

L6 ANSWER 13 OF 145 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:507466 CAPLUS
DN 135:104268

TI Alzheimer's disease-associated .beta.- ***secretase*** and amyloid
precursor protein substrates and their therapeutic uses
IN Bienkowski, Michael Jerome; Gurney, Mark E.; Heinrikson, Robert Leroy;
Parodi, Luis A.; Yan, Riqiang
PA USA
SO PCT Int. Appl., 185 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001049097	A2	20010712	WO 2001-IB797	20010509
	WO 2001049097	A3	20031120		
	W: US				
	US 2003077226	A1	20030424	US 2001-869414	20010627
PRAI	US 1999-416901	A1	19991013		
	WO 2001-IB797	W	20010509		

L6 ANSWER 14 OF 145 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:320146 CAPLUS
DN 134:348234

TI Method of screening for inhibitors of ***Asp1*** aspartyl proteinase,
and therapeutic use
IN Christie, Gary; Hussain, Ishrut; Powell, David Jonathan
PA Smithkline Beecham P.L.C., UK; Smithkline Beecham Corp.
SO PCT Int. Appl., 31 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001031054	A1	20010503	WO 2000-GB4028	20001019
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1224320	A1	20020724	EP 2000-971526	20001019
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
	JP 2003512080	T2	20030402	JP 2001-533189	20001019
	US 2003171291	A1	20030911	US 2003-354955	20030130
PRAI	GB 1999-25136	A	19991022		
	WO 2000-GB4028	W	20001019		
	US 2000-693744	B1	20001020		

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 15 OF 145 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:247466 CAPLUS

DN 134:277406
 TI Cloning and characterization of mammalian ***secretase*** isoenzymes,
 their amyloid precursor protein substrates, and uses for treatment or
 prevention of Alzheimer's disease
 IN Gurney, Mark; Bienkowski, Michael Jerome
 PA Pharmacia & Upjohn Company, USA
 SO PCT Int. Appl., 189 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001023533	A2	20010405	WO 2000-US26080	20000922
	WO 2001023533	A3	20020510		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	WO 2000017369	A2	20000330	WO 1999-US20881	19990923
	WO 2000017369	A3	20001123		
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1224297	A2	20020724	EP 2000-965338	20000922
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
PRAI	US 1999-155493P	P	19990923		
	US 1999-404133	A	19990923		
	WO 1999-US20881	A2	19990923		
	US 1999-416901	A2	19991013		
	US 1999-169232P	P	19991206		
	US 1998-101594P	P	19980924		
	WO 2000-US26080	W	20000922		

L6 ANSWER 16 OF 145 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2000:603461 CAPLUS
 DN 133:280000
 TI BACE2, a .beta.- ***secretase*** homolog, cleaves at the .beta. site
 and within the amyloid-.beta. region of the amyloid-.beta. precursor
 protein
 AU Farzan, Michael; Schnitzler, Christine E.; Vasilieva, Natalya; Leung,
 Doris; Choe, Hyeryun
 CS Department of Cancer Immunology and AIDS, Dana-Farber Cancer Institute,
 Boston, MA, 02115, USA
 SO Proceedings of the National Academy of Sciences of the United States of
 America (2000), 97(17), 9712-9717
 CODEN: PNASA6; ISSN: 0027-8424
 PB National Academy of Sciences
 DT Journal
 LA English
 RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 17 OF 145 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2000:210393 CAPLUS
 DN 132:249585
 TI The ASP2 gene encoding the membrane-anchored aspartic protease .beta.-
 secretase associated with amyloid processing in Alzheimer's
 disease
 IN Gurney, Mark E.; Bienkowski, Michael Jerome; Heinrikson, Robert Leroy;
 Parodi, Luis A.; Yan, Riqiang
 PA Pharmacia & Upjohn Company, USA
 SO PCT Int. Appl., 183 pp.
 CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000017369	A2	20000330	WO 1999-US20881	19990923
	WO 2000017369	A3	20001123		
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2343004	AA	20000330	CA 1999-2343004	19990923
	AU 9961418	A1	20000410	AU 1999-61418	19990923
	EP 1115874	A2	20010718	EP 1999-948189	19990923
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	BR 9913920	A	20011106	BR 1999-13920	19990923
	JP 2002526081	T2	20020820	JP 2000-574268	19990923
	US 6420534	B1	20020716	US 2000-548372	20000412
	US 6440698	B1	20020827	US 2000-548367	20000412
	US 2003104365	A1	20030605	US 2000-548366	20000412
	US 6500667	B1	20021231	US 2000-551853	20000418
	WO 2001023533	A2	20010405	WO 2000-US26080	20000922
	WO 2001023533	A3	20020510		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	GB 2357767	A1	20010704	GB 2000-23315	20000922
	GB 2357767	B2	20020821		
	GB 2367060	A1	20020327	GB 2001-25934	20000922
	GB 2367060	B2	20030604		
	EP 1224297	A2	20020724	EP 2000-965338	20000922
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
	EP 1249498	A2	20021016	EP 2002-15537	20000922
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
	US 2001016324	A1	20010823	US 2001-794927	20010227
	US 2001021391	A1	20010913	US 2001-794743	20010227
	US 2002037315	A1	20020328	US 2001-794748	20010227
	US 2002064819	A1	20020530	US 2001-794925	20010227
	US 2001018208	A1	20010830	US 2001-795847	20010228
	ZA 2001002387	A	20020923	ZA 2001-2387	20010322
	NO 2001001505	A	20010523	NO 2001-1505	20010323
	US 2002081634	A1	20020627	US 2001-681442	20010405
PRAI	US 1998-101594P	P	19980924		
	GB 2000-23315	A3	19990923		
	US 1999-155493P	P	19990923		
	US 1999-404133	A2	19990923		
	WO 1999-US20881	W	19990923		
	US 1999-416901	A3	19991013		
	US 1999-169232P	P	19991206		
	EP 2000-965338	A3	20000922		
	WO 2000-US26080	W	20000922		

L6 ANSWER 18 OF 145 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:44900 CAPLUS

DN 132:218674

TI Characterization of .beta.- ***secretase*** using antibodies specific to the released N-terminus of .beta.-amyloid

AU Austen, Brian M.; Frears, Emma R.; Stephens, David J.

CS Dept of surgery, St. George's Hospital Medical School, London, SW17 0RE, UK

SO Innovation and Perspectives in solid Phase Synthesis & Combinatorial Libraries: Peptides, Proteins and Nucleic Acids--Small Molecule Organic

Chemical Diversity, Collected Papers, International Symposium, 5th,
London, Sept. 2-6, 1997 (1999), Meeting Date 1997, 177-180. Editor(s):
Epton, Roger. Publisher: Mayflower Scientific Ltd., Kingswinford, UK.
CODEN: 680EAA

DT Conference

LA English

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 19 OF 145 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1999:816597 CAPLUS

DN 132:206448

TI Membrane-anchored aspartyl protease with Alzheimer's disease .beta.-
secretase activity

AU Yan, Riqiang; Bienkowski, Michael J.; Shuck, Mary E.; Miao, Huiyi; Tory,
Monica C.; Pauley, Adele M.; Brashler, John R.; Stratman, Nancy C.;
Mathews, W. Rodney; Buhl, Allen E.; Carter, Donald B.; Tomasselli, Alfredo
G.; Parodi, Luis A.; Heinrikson, Robert L.; Gurney, Mark E.

CS Cell & Molecular Biology, Genomics, Protein Sciences, Pharmacology,
Structural, Analytical & Medicinal Chemistry and Neurobiology, Pharmacia &
Upjohn, Inc., Kalamazoo, MI, 49007, USA

SO Nature (London) (1999), 402(6761), 533-537

CODEN: NATUAS; ISSN: 0028-0836

PB Macmillan Magazines

DT Journal

LA English

RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 20 OF 145 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1996:304668 CAPLUS

DN 125:6770

TI The role of ***APP*** processing and trafficking pathways in the
formation of amyloid .beta.-protein

AU Selkoe, D. J.; Yamazaki, T.; Citron, M.; Podlisny, M. B.; Koo, E. H.;
Teplow, D. B.; Haass, C.

CS Center for Neurologic Diseases, Brigham and Women's Hospital, Boston, MA,
02115, USA

SO Annals of the New York Academy of Sciences (1996), 777(Neurobiology of
Alzheimers Disease), 57-64

CODEN: ANYAA9; ISSN: 0077-8923

PB New York Academy of Sciences

DT Journal; General Review

LA English

L6 ANSWER 21 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN ABB78621 Peptide DGENE

TI Human aspartyl protease 1 substrates useful in assays to detect aspartyl
protease activity, e.g. for the diagnosis of Alzheimer's disease -

IN Bienkowski M J; Gurney M

PA (PHAA) PHARMACIA & UPJOHN CO.

PI GB 2367060 A 20020327 182p

AI GB 2001-25934 20011029

PRAI US 1999-155493P 19990923

US 1999-404133 19990923

WO 1999-US20881 19990923

US 1999-416901 19991013

US 1999-169232P 19991206

GB 2000-23315 20000922

DT Patent

LA English

OS 2002-396337 [43]

DESC ***APP*** Swedish mutant form beta- ***secretase*** processing
site SEQ ID NO:70.

L6 ANSWER 22 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN AAE10671 peptide DGENE

TI Polypeptide comprising fragments of human aspartyl protease with amyloid
precursor protein processing activity and alpha- ***secretase***
activity, for identifying modulators useful in treating Alzheimer's
disease -

IN Bienkowski M J; Gurney M

PA (PHAA) PHARMACIA & UPJOHN CO.

PI GB 2357767 A 20010704 187p

AI GB 2000-23315 20000922

PRAI US 1999-155493 19990923

US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Human aspartyl protease 2(a) (hu-Asp2a) N-terminal peptide #2.

L6 ANSWER 23 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10670 peptide DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Human aspartyl protease 2(a) (hu-Asp2a) N-terminal peptide #1.

L6 ANSWER 24 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10669 peptide DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Quenched fluorescent peptide used to assay human Asp-2b activity.

L6 ANSWER 25 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10668 peptide DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Human ***APP*** -Sw mutant beta- ***secretase*** substrate peptide #2.

L6 ANSWER 26 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10667 peptide DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Human ***APP*** -Sw mutant beta- ***secretase*** substrate peptide #1.

L6 ANSWER 27 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10666 peptide DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Human aspartyl protease 2(a) (hu-Asp2a) C-terminal peptide.

L6 ANSWER 28 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10665 peptide DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Human aspartyl protease 1 (hu- ***Asp1***) C-terminal peptide.

L6 ANSWER 29 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10663 peptide DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Human amyloid precursor protein substrate alpha- ***secretase*** peptide #2.

L6 ANSWER 30 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10662 peptide DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Human amyloid precursor protein substrate alpha- ***secretase*** peptide #1.

L6 ANSWER 31 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10661 peptide DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Human aspartyl protease-1 beta- ***secretase*** Swedish mutant peptide.

L6 ANSWER 32 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10660 peptide DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Human Aspartyl protease-1 (hu-Asp-1) beta- ***secretase*** , wild-type peptide.

L6 ANSWER 33 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10659 peptide DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923

US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Human Aspartyl protease 1 (hu-Asp 1) self activation substrate peptide.

L6 ANSWER 34 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10658 Protein DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Acid-processed hu-Asp 1 lacking TM domain and containing (His)6 tag.

L6 ANSWER 35 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10657 Protein DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Secreted recombinant hu-Asp 1 with (His)6 tag and lacking TM domain.

L6 ANSWER 36 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10656 Protein DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Human-Asp 1 protein lacking TM domain and containing (His)6 tag.

L6 ANSWER 37 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10655 peptide DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p

AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Human ***APP*** gamma- ***secretase*** specific substrate peptide,
 PHA-179111E.

L6 ANSWER 38 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10654 peptide DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid
 precursor protein processing activity and alpha- ***secretase***
 activity, for identifying modulators useful in treating Alzheimer's
 disease -

IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206

DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Human wild-type ***APP*** beta- ***secretase*** peptide,
 PHA-95812E.

L6 ANSWER 39 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10653 peptide DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid
 precursor protein processing activity and alpha- ***secretase***
 activity, for identifying modulators useful in treating Alzheimer's
 disease -

IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206

DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Human ***APP*** -Sw beta- ***secretase*** substrate peptide mutant,
 PHA-247574E.

L6 ANSWER 40 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10652 peptide DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid
 precursor protein processing activity and alpha- ***secretase***
 activity, for identifying modulators useful in treating Alzheimer's
 disease -

IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206

DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Preission protease peptide for expression of pro-human-Asp2.

L6 ANSWER 41 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10651 Protein DGENE

TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206

DT Patent
 LA English
 OS 2001-444208 [48]
 CR N-PSDB: AAD17900
 DESC Human amyloid protein precursor 751-KK (APP751-KK) isoform.

L6 ANSWER 42 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10650 Protein DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206

DT Patent
 LA English
 OS 2001-444208 [48]
 CR N-PSDB: AAD17899
 DESC Human amyloid protein precursor 770-KK (APP770-KK) isoform.

L6 ANSWER 43 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10649 Protein DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206

DT Patent
 LA English
 OS 2001-444208 [48]
 CR N-PSDB: AAD17898
 DESC Human amyloid protein precursor 751 (APP751) isoform.

L6 ANSWER 44 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10648 Protein DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206

DT Patent
LA English
OS 2001-444208 [48]
CR N-PSDB: AAD17897
DESC Human amyloid protein precursor 770 (APP770) isoform.

L6 ANSWER 45 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAE10647 Protein DGENE
TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
PA (PHAA) PHARMACIA & UPJOHN CO.
PI GB 2357767 A 20010704 187p
AI GB 2000-23315 20000922
PRAI US 1999-155493 19990923
US 1999-404133 19990923
WO 1999-US20881 19990923
US 1999-416901 19991013
US 1999-169232 19991206

DT Patent
LA English
OS 2001-444208 [48]
CR N-PSDB: AAD17896
DESC Human-Asp 2(b) protein lacking TM domain and containing (His)6 tag.

L6 ANSWER 46 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAE10646 Protein DGENE
TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
PA (PHAA) PHARMACIA & UPJOHN CO.
PI GB 2357767 A 20010704 187p
AI GB 2000-23315 20000922
PRAI US 1999-155493 19990923
US 1999-404133 19990923
WO 1999-US20881 19990923
US 1999-416901 19991013
US 1999-169232 19991206

DT Patent
LA English
OS 2001-444208 [48]
CR N-PSDB: AAD17895
DESC Human-Asp 2(b) protein lacking transmembrane domain.

L6 ANSWER 47 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAE10645 peptide DGENE
TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
PA (PHAA) PHARMACIA & UPJOHN CO.
PI GB 2357767 A 20010704 187p
AI GB 2000-23315 20000922
PRAI US 1999-155493 19990923
US 1999-404133 19990923
WO 1999-US20881 19990923
US 1999-416901 19991013
US 1999-169232 19991206

DT Patent
LA English
OS 2001-444208 [48]
DESC Human aspartyl protease 2 (hu-Asp2) modified C-terminal peptide.

L6 ANSWER 48 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAE10644 peptide DGENE
TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
PA (PHAA) PHARMACIA & UPJOHN CO.

PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Human aspartyl protease 1 (hu- ***Asp1***) C-terminal peptide epitope.

L6 ANSWER 49 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10643 Protein DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.

PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206

DT Patent
 LA English
 OS 2001-444208 [48]
 CR N-PSDB: AAD17879

DESC Human-Asp 2(a) protein with (His)6 tag and lacking TM domain.

L6 ANSWER 50 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10642 Protein DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.

PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206

DT Patent
 LA English
 OS 2001-444208 [48]
 CR N-PSDB: AAD17878

DESC Human-Asp 2(a) protein lacking transmembrane domain.

L6 ANSWER 51 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10641 Protein DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.

PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206

DT Patent
 LA English
 OS 2001-444208 [48]
 CR N-PSDB: AAD17877

DESC T7-Caspase-Caspase 8 cleavage-human-pro-Asp2(a) lacking TM domain.

L6 ANSWER 52 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN AAE10640 Protein DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 CR N-PSDB: AAD17876
 DESC Human-pro-Asp 2(a) protein lacking TM domain.

L6 ANSWER 53 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10639 Protein DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 CR N-PSDB: AAD17875
 DESC T7-Caspase-human-pro-Asp 2(a) protein lacking TM domain.

L6 ANSWER 54 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10638 Protein DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 CR N-PSDB: AAD17874
 DESC T7-Human-pro-Asp 2(a) protein lacking TM domain.

L6 ANSWER 55 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10637 Protein DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013

US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 CR N-PSDB: AAD17873
 DESC Human amyloid protein precursor 695-VF-KK (APP695-VF-KK) isoform.

L6 ANSWER 56 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10636 Protein DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 CR N-PSDB: AAD17872
 DESC Human amyloid protein precursor 695-SW-KK (APP695-SW-KK) isoform.

L6 ANSWER 57 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10635 Protein DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 CR N-PSDB: AAD17871
 DESC Human amyloid protein precursor 695-KK (APP695-KK) isoform.

L6 ANSWER 58 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10634 Protein DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 CR N-PSDB: AAD17870
 DESC Human amyloid protein precursor 695-VF (APP695-VF) isoform.

L6 ANSWER 59 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE10633 Protein DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
PA (PHAA) PHARMACIA & UPJOHN CO.
PI GB 2357767 A 20010704 187p
AI GB 2000-23315 20000922
PRAI US 1999-155493 19990923
US 1999-404133 19990923
WO 1999-US20881 19990923
US 1999-416901 19991013
US 1999-169232 19991206
DT Patent
LA English
OS 2001-444208 [48]
CR N-PSDB: AAD17869
DESC Human amyloid protein precursor 695-Swedish (APP695-Sw) isoform.

L6 ANSWER 60 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAE10632 Protein DGENE
TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
PA (PHAA) PHARMACIA & UPJOHN CO.
PI GB 2357767 A 20010704 187p
AI GB 2000-23315 20000922
PRAI US 1999-155493 19990923
US 1999-404133 19990923
WO 1999-US20881 19990923
US 1999-416901 19991013
US 1999-169232 19991206
DT Patent
LA English
OS 2001-444208 [48]
CR N-PSDB: AAD17868
DESC Human wild-type amyloid protein precursor 695 (APP695) protein.

L6 ANSWER 61 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAE10631 Protein DGENE
TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
PA (PHAA) PHARMACIA & UPJOHN CO.
PI GB 2357767 A 20010704 187p
AI GB 2000-23315 20000922
PRAI US 1999-155493 19990923
US 1999-404133 19990923
WO 1999-US20881 19990923
US 1999-416901 19991013
US 1999-169232 19991206
DT Patent
LA English
OS 2001-444208 [48]
CR N-PSDB: AAD17867
DESC Murine aspartyl protease 2(a) [Asp2(a)] protein.

L6 ANSWER 62 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAE10630 Protein DGENE
TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
PA (PHAA) PHARMACIA & UPJOHN CO.
PI GB 2357767 A 20010704 187p
AI GB 2000-23315 20000922
PRAI US 1999-155493 19990923
US 1999-404133 19990923
WO 1999-US20881 19990923
US 1999-416901 19991013
US 1999-169232 19991206
DT Patent
LA English
OS 2001-444208 [48]
CR N-PSDB: AAD17866

DESC Human aspartyl protease 2(b) [hu-Asp2(b)] protein.

L6 ANSWER 63 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAE10629 Protein DGENE
TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
IN Bienkowski M J; Gurney M
PA (PHAA) PHARMACIA & UPJOHN CO.
PI GB 2357767 A 20010704 187p
AI GB 2000-23315 20000922
PRAI US 1999-155493 19990923
US 1999-404133 19990923
WO 1999-US20881 19990923
US 1999-416901 19991013
US 1999-169232 19991206
DT Patent
LA English
OS 2001-444208 [48]
CR N-PSDB: AAD17865
DESC Human aspartyl protease 2(a) [hu-Asp2(a)] protein.

L6 ANSWER 64 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAE10628 Protein DGENE
TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
IN Bienkowski M J; Gurney M
PA (PHAA) PHARMACIA & UPJOHN CO.
PI GB 2357767 A 20010704 187p
AI GB 2000-23315 20000922
PRAI US 1999-155493 19990923
US 1999-404133 19990923
WO 1999-US20881 19990923
US 1999-416901 19991013
US 1999-169232 19991206
DT Patent
LA English
OS 2001-444208 [48]
CR N-PSDB: AAD17864
DESC Human aspartyl protease 1 (hu- ***Asp1***) protein.

L6 ANSWER 65 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAU06618 Peptide DGENE
TI Novel purified polypeptide comprising fragment of mammalian aspartyl protease 2, lacking Asp2 transmembrane domain and retaining beta ***secretase*** activity of Asp2 useful for identifying inhibitors of Asp2 activity -
IN Bienkowski M J; Gurney M E; Heinrikson R L; Parodi L A; Yan R
PA (BIEN-I) BIENKOWSKI M J.
(GURN-I) GURNEY M E.
(HEIN-I) HEINRIKSON R L.
(PARO-I) PARODI L A.
(YANR-I) YAN R.
PI WO 2001049098 A2 20010712 185p
AI WO 2001-IB798 20010509
PRAI WO 2001-IB798 20010509
DT Patent
LA English
OS 2001-502549 [55]
DESC Human Aspartyl protease 1 (***Asp1***) epitope.

L6 ANSWER 66 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAU06602 Protein DGENE
TI Novel purified polypeptide comprising fragment of mammalian aspartyl protease 2, lacking Asp2 transmembrane domain and retaining beta ***secretase*** activity of Asp2 useful for identifying inhibitors of Asp2 activity -
IN Bienkowski M J; Gurney M E; Heinrikson R L; Parodi L A; Yan R
PA (BIEN-I) BIENKOWSKI M J.
(GURN-I) GURNEY M E.
(HEIN-I) HEINRIKSON R L.
(PARO-I) PARODI L A.
(YANR-I) YAN R.

PI WO 2001049098 A2 20010712 185p
 AI WO 2001-IB798 20010509
 PRAI WO 2001-IB798 20010509
 DT Patent
 LA English
 OS 2001-502549 [55]
 CR N-PSDB: AAS11516
 DESC Human Aspartyl protease 1 (***Asp1***).

L6 ANSWER 67 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE06874 peptide DGENE
 TI Novel purified polypeptide comprising fragment of mammalian aspartyl
 protease 2, lacking Asp2 transmembrane domain and retaining beta
 secretase activity of Asp2 useful for identifying inhibitors of
 Asp2 activity -
 IN Bienkowski M J; Gurney M E; Heinrikson R L; Parodi L A; Yan R
 PA (BIEN-I) BIENKOWSKI M J.
 (GURN-I) GURNEY M E.
 (HEIN-I) HEINRIKSON R L.
 (PARO-I) PARODI L A.
 (YANR-I) YAN R.

PI WO 2001050829 A2 20010719 185p
 AI WO 2001-IB799 20010509
 PRAI WO 2001-IB799 20010509
 DT Patent
 LA English
 OS 2001-483072 [52]
 DESC Human aspartyl protease 1 (Hu- ***Asp1***) C-terminal peptide epitope.

L6 ANSWER 68 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE06858 Protein DGENE
 TI Novel purified polypeptide comprising fragment of mammalian aspartyl
 protease 2, lacking Asp2 transmembrane domain and retaining beta
 secretase activity of Asp2 useful for identifying inhibitors of
 Asp2 activity -
 IN Bienkowski M J; Gurney M E; Heinrikson R L; Parodi L A; Yan R
 PA (BIEN-I) BIENKOWSKI M J.
 (GURN-I) GURNEY M E.
 (HEIN-I) HEINRIKSON R L.
 (PARO-I) PARODI L A.
 (YANR-I) YAN R.

PI WO 2001050829 A2 20010719 185p
 AI WO 2001-IB799 20010509
 PRAI WO 2001-IB799 20010509
 DT Patent
 LA English
 OS 2001-483072 [52]
 CR N-PSDB: AAD13020
 DESC Human aspartyl protease 1 (Hu- ***Asp1***) protein.

L6 ANSWER 69 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE02615 peptide DGENE
 TI Enzymes that cleave the alpha- ***secretase*** site of the amyloid
 precursor protein, useful for the treatment of Alzheimer's disease -
 IN Gurney M; Bienkowski M J
 PA (PHAA) PHARMACIA & UPJOHN CO.

PI WO 2001023533 A2 20010405 189p
 AI WO 2000-US26080 20000922
 PRAI US 1999-155493 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-290516 [30]
 DESC Human amyloid precursor protein substrate alpha- ***secretase***
 peptide #2.

L6 ANSWER 70 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE02614 peptide DGENE
 TI Enzymes that cleave the alpha- ***secretase*** site of the amyloid
 precursor protein, useful for the treatment of Alzheimer's disease -
 IN Gurney M; Bienkowski M J
 PA (PHAA) PHARMACIA & UPJOHN CO.

PI WO 2001023533 A2 20010405 189p
 AI WO 2000-US26080 20000922

PRAI US 1999-155493 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-290516 [30]
 DESC Human amyloid precursor protein substrate alpha- ***secretase*** peptide #1.

L6 ANSWER 71 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE02613 peptide DGENE
 TI Enzymes that cleave the alpha- ***secretase*** site of the amyloid precursor protein, useful for the treatment of Alzheimer's disease -
 IN Gurney M; Bienkowski M J
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2001023533 A2 20010405 189p
 AI WO 2000-US26080 20000922
 PRAI US 1999-155493 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-290516 [30]
 DESC Human Aspartyl protease-1 beta- ***secretase*** Swedish mutant form peptide.

L6 ANSWER 72 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE02612 peptide DGENE
 TI Enzymes that cleave the alpha- ***secretase*** site of the amyloid precursor protein, useful for the treatment of Alzheimer's disease -
 IN Gurney M; Bienkowski M J
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2001023533 A2 20010405 189p
 AI WO 2000-US26080 20000922
 PRAI US 1999-155493 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-290516 [30]
 DESC Human Aspartyl protease-1 (hu-Asp-1) beta- ***secretase*** , wild-type peptide.

L6 ANSWER 73 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE02611 peptide DGENE
 TI Enzymes that cleave the alpha- ***secretase*** site of the amyloid precursor protein, useful for the treatment of Alzheimer's disease -
 IN Gurney M; Bienkowski M J
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2001023533 A2 20010405 189p
 AI WO 2000-US26080 20000922
 PRAI US 1999-155493 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-290516 [30]
 DESC Human Aspartyl protease-1 (hu-Asp-1) self activation substrate peptide.

L6 ANSWER 74 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE02610 Protein DGENE
 TI Enzymes that cleave the alpha- ***secretase*** site of the amyloid precursor protein, useful for the treatment of Alzheimer's disease -
 IN Gurney M; Bienkowski M J
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2001023533 A2 20010405 189p
 AI WO 2000-US26080 20000922
 PRAI US 1999-155493 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent

LA English
 OS 2001-290516 [30]
 DESC Human acid-processed form of aspartyl protease-1 deltaTM (His)6 protein.

L6 ANSWER 75 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE02609 Protein DGENE
 TI Enzymes that cleave the alpha- ***secretase*** site of the amyloid precursor protein, useful for the treatment of Alzheimer's disease -
 IN Gurney M; Bienkowski M J
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2001023533 A2 20010405 189p
 AI WO 2000-US26080 20000922
 PRAI US 1999-155493 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206

DT Patent
 LA English
 OS 2001-290516 [30]
 DESC Human secreted aspartyl protease-1 (Asp-1) deltaTM (His)6 protein.

L6 ANSWER 76 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE02608 Protein DGENE
 TI Enzymes that cleave the alpha- ***secretase*** site of the amyloid precursor protein, useful for the treatment of Alzheimer's disease -
 IN Gurney M; Bienkowski M J
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2001023533 A2 20010405 189p
 AI WO 2000-US26080 20000922
 PRAI US 1999-155493 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206

DT Patent
 LA English
 OS 2001-290516 [30]
 DESC Human Aspartyl protease-1 (Asp-1) deltaTM (His)6 protein.

L6 ANSWER 77 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE02607 peptide DGENE
 TI Enzymes that cleave the alpha- ***secretase*** site of the amyloid precursor protein, useful for the treatment of Alzheimer's disease -
 IN Gurney M; Bienkowski M J
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2001023533 A2 20010405 189p
 AI WO 2000-US26080 20000922
 PRAI US 1999-155493 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206

DT Patent
 LA English
 OS 2001-290516 [30]
 DESC Human ***APP*** gamma- ***secretase*** specific substrate peptide, PHA-179111E.

L6 ANSWER 78 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE02606 peptide DGENE
 TI Enzymes that cleave the alpha- ***secretase*** site of the amyloid precursor protein, useful for the treatment of Alzheimer's disease -
 IN Gurney M; Bienkowski M J
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2001023533 A2 20010405 189p
 AI WO 2000-US26080 20000922
 PRAI US 1999-155493 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206

DT Patent
 LA English
 OS 2001-290516 [30]
 DESC Human wild-type ***APP*** beta- ***secretase*** substrate peptide, PHA-95812E.

L6 ANSWER 79 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE02605 peptide DGENE

TI Enzymes that cleave the alpha- ***secretase*** site of the amyloid precursor protein, useful for the treatment of Alzheimer's disease -
 IN Gurney M; Bienkowski M J
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2001023533 A2 20010405 189p
 AI WO 2000-US26080 20000922
 PRAI US 1999-155493 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-290516 [30]
 DESC Human ***APP*** -Sw beta- ***secretase*** substrate peptide mutant, PHA-247574E.

L6 ANSWER 80 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE02604 peptide DGENE
 TI Enzymes that cleave the alpha- ***secretase*** site of the amyloid precursor protein, useful for the treatment of Alzheimer's disease -
 IN Gurney M; Bienkowski M J
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2001023533 A2 20010405 189p
 AI WO 2000-US26080 20000922
 PRAI US 1999-155493 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-290516 [30]
 DESC Human Aspartyl protease 1 (***Asp1***) PreSission peptide.

L6 ANSWER 81 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAY88424 Protein DGENE
 TI New enzyme designated human aspartase useful in research into Alzheimer's Disease is capable of cleaving amyloid protein precursor at the beta ***secretase*** site to produce amyloid beta peptide -
 IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2000017369 A2 20000330 183p
 AI WO 1999-US20881 19990923
 PRAI US 1998-101594 19980924
 DT Patent
 LA English
 OS 2000-303209 [26]
 CR N-PSDB: AAA15661
 DESC Human aspartyl protease 1 (***Asp1***) amino acid sequence.

L6 ANSWER 82 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17902 DNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Antisense PCR primer used to delete TM domain of human Asp 1.

L6 ANSWER 83 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17901 DNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M

PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Sense PCR primer used to delete TM domain of human Asp 1.

L6 ANSWER 84 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17900 cDNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 CR P-PSDB: AAE10651
 DESC Human amyloid protein precursor 751-KK (APP751-KK) isoform cDNA.

L6 ANSWER 85 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17899 cDNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 CR P-PSDB: AAE10650
 DESC Human amyloid protein precursor 770-KK (APP770-KK) isoform cDNA.

L6 ANSWER 86 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17898 cDNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 CR P-PSDB: AAE10649
 DESC Human amyloid protein precursor 751 (APP751) cDNA.

L6 ANSWER 87 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17897 CDNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 CR P-PSDB: AAE10648
 DESC Human amyloid protein precursor 770 (APP770) cDNA.

L6 ANSWER 88 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17896 CDNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 CR P-PSDB: AAE10647
 DESC Human-Asp 2(b) lacking TM domain (His)6 protein encoding cDNA.

L6 ANSWER 89 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17895 CDNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 CR P-PSDB: AAE10646
 DESC Human-Asp 2(b) protein lacking transmembrane domain encoding cDNA.

L6 ANSWER 90 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17894 DNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923

US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC PCR primer, #275 used to modify the 3' end of APP695 cDNA.

L6 ANSWER 91 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17893 DNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC PCR primer, #274 to introduce di-lysine motif at C-terminus of APP695.

L6 ANSWER 92 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17892 DNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC PCR primer, #276 to introduce di-lysine motif at C-terminus of APP695.

L6 ANSWER 93 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17891 DNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Phosphorylated oligo #566, to assist purification of human Asp 2(a).

L6 ANSWER 94 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17890 DNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p

AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Phosphorylated oligo #565, to assist purification of human Asp 2(a).

L6 ANSWER 95 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17889 DNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Human aspartyl protease 2(a) cDNA amplifying PCR primer, #554.

L6 ANSWER 96 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17888 DNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Human aspartyl protease 2(a) cDNA amplifying PCR primer, #573.

L6 ANSWER 97 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17887 DNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 DESC oligo #572 used for the expression of N-terminal human-Asp-2a protein.

L6 ANSWER 98 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17886 DNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's

disease -

IN Bienkowski M J; Gurney M
PA (PHAA) PHARMACIA & UPJOHN CO.
PI GB 2357767 A 20010704 187p
AI GB 2000-23315 20000922
PRAI US 1999-155493 19990923
US 1999-404133 19990923
WO 1999-US20881 19990923
US 1999-416901 19991013
US 1999-169232 19991206

DT Patent
LA English
OS 2001-444208 [48]
DESC Oligo #571 used for the expression of N-terminal human-Asp-2a protein.

L6 ANSWER 99 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAD17885 DNA DGENE
TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
PA (PHAA) PHARMACIA & UPJOHN CO.
PI GB 2357767 A 20010704 187p
AI GB 2000-23315 20000922
PRAI US 1999-155493 19990923
US 1999-404133 19990923
WO 1999-US20881 19990923
US 1999-416901 19991013
US 1999-169232 19991206

DT Patent
LA English
OS 2001-444208 [48]
DESC Antisense linker, used to reduce the GC content of human Asp-2a cDNA.

L6 ANSWER 100 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAD17884 DNA DGENE
TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
PA (PHAA) PHARMACIA & UPJOHN CO.
PI GB 2357767 A 20010704 187p
AI GB 2000-23315 20000922
PRAI US 1999-155493 19990923
US 1999-404133 19990923
WO 1999-US20881 19990923
US 1999-416901 19991013
US 1999-169232 19991206

DT Patent
LA English
OS 2001-444208 [48]
DESC Sense linker, used to reduce the GC content of human Asp-2a cDNA.

L6 ANSWER 101 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAD17883 DNA DGENE
TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
PA (PHAA) PHARMACIA & UPJOHN CO.
PI GB 2357767 A 20010704 187p
AI GB 2000-23315 20000922
PRAI US 1999-155493 19990923
US 1999-404133 19990923
WO 1999-US20881 19990923
US 1999-416901 19991013
US 1999-169232 19991206

DT Patent
LA English
OS 2001-444208 [48]
DESC Human-aspartyl protease 2(a) (Asp-2a) cDNA cloning PCR primer, #560.

L6 ANSWER 102 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN AAD17882 DNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206

DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Human-aspartyl protease 2(a) (Asp-2a) cDNA cloning PCR primer, #559.

L6 ANSWER 103 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17881 DNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206

DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Human-Asp 2(a) cDNA amplifying PCR primer, #554.

L6 ANSWER 104 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17880 DNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206

DT Patent
 LA English
 OS 2001-444208 [48]
 DESC Human-Asp 2(a) cDNA amplifying PCR primer, #553.

L6 ANSWER 105 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17879 CDNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206

DT Patent
 LA English

OS 2001-444208 [48]
CR P-PSDB: AAE10643
DESC Human-Asp 2(a) lacking TM domain (His)6 protein encoding cDNA.

L6 ANSWER 106 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAD17878 cDNA DGENE
TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
IN Bienkowski M J; Gurney M
PA (PHAA) PHARMACIA & UPJOHN CO.
PI GB 2357767 A 20010704 187p
AI GB 2000-23315 20000922
PRAI US 1999-155493 19990923
US 1999-404133 19990923
WO 1999-US20881 19990923
US 1999-416901 19991013
US 1999-169232 19991206
DT Patent
LA English
OS 2001-444208 [48]
CR P-PSDB: AAE10642
DESC Human-Asp 2(a) protein lacking transmembrane domain encoding cDNA.

L6 ANSWER 107 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAD17877 cDNA DGENE
TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
IN Bienkowski M J; Gurney M
PA (PHAA) PHARMACIA & UPJOHN CO.
PI GB 2357767 A 20010704 187p
AI GB 2000-23315 20000922
PRAI US 1999-155493 19990923
US 1999-404133 19990923
WO 1999-US20881 19990923
US 1999-416901 19991013
US 1999-169232 19991206
DT Patent
LA English
OS 2001-444208 [48]
CR P-PSDB: AAE10641
DESC T7-Caspase-Caspase 8 cleavage-human-pro-Asp2(a) lacking TM domain cDNA.

L6 ANSWER 108 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAD17876 cDNA DGENE
TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
IN Bienkowski M J; Gurney M
PA (PHAA) PHARMACIA & UPJOHN CO.
PI GB 2357767 A 20010704 187p
AI GB 2000-23315 20000922
PRAI US 1999-155493 19990923
US 1999-404133 19990923
WO 1999-US20881 19990923
US 1999-416901 19991013
US 1999-169232 19991206
DT Patent
LA English
OS 2001-444208 [48]
CR P-PSDB: AAE10640
DESC Human-pro-Asp 2(a) protein lacking TM domain (low GC) encoding cDNA.

L6 ANSWER 109 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAD17875 cDNA DGENE
TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
IN Bienkowski M J; Gurney M
PA (PHAA) PHARMACIA & UPJOHN CO.
PI GB 2357767 A 20010704 187p

AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 CR P-PSDB: AAE10639
 DESC T7-Caspase-human-pro-Asp 2(a) protein lacking TM domain encoding cDNA.

L6 ANSWER 110 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17874 cDNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 CR P-PSDB: AAE10638
 DESC T7-Human-pro-Asp 2(a) protein lacking TM domain encoding cDNA.

L6 ANSWER 111 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17873 cDNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 CR P-PSDB: AAE10637
 DESC Human amyloid protein precursor 695-VF-KK (APP695-VF-KK) isoform cDNA.

L6 ANSWER 112 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17872 cDNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 CR P-PSDB: AAE10636
 DESC Human amyloid protein precursor 695-Sw-KK (APP695-Sw-KK) isoform cDNA.

L6 ANSWER 113 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN AAD17871 cDNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206

DT Patent
 LA English
 OS 2001-444208 [48]
 CR P-PSDB: AAE10635
 DESC Human amyloid protein precursor 695-KK (APP695-KK) isoform cDNA.

L6 ANSWER 114 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17870 cDNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206

DT Patent
 LA English
 OS 2001-444208 [48]
 CR P-PSDB: AAE10634
 DESC Human amyloid protein precursor 695-VF (APP695-VF) isoform cDNA.

L6 ANSWER 115 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17869 cDNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206

DT Patent
 LA English
 OS 2001-444208 [48]
 CR P-PSDB: AAE10633
 DESC Human amyloid protein precursor 695-Swedish (APP695-Sw) isoform cDNA.

L6 ANSWER 116 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17868 cDNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013

US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 CR P-PSDB: AAE10632
 DESC Human wild-type amyloid protein precursor 695 (APP695) cDNA.

L6 ANSWER 117 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17867 cDNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 CR P-PSDB: AAE10631
 DESC Murine aspartyl protease 2(a) [Asp2(a)] cDNA.

L6 ANSWER 118 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17866 cDNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 CR P-PSDB: AAE10630
 DESC Human aspartyl protease 2(b) [hu-Asp2(b)] cDNA.

L6 ANSWER 119 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17865 cDNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -
 IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 CR P-PSDB: AAE10629
 DESC Human aspartyl protease 2(a) [hu-Asp2(a)] cDNA.

L6 ANSWER 120 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD17864 cDNA DGENE
 TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease -

IN Bienkowski M J; Gurney M
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI GB 2357767 A 20010704 187p
 AI GB 2000-23315 20000922
 PRAI US 1999-155493 19990923
 US 1999-404133 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-444208 [48]
 CR P-PSDB: AAE10628
 DESC Human aspartyl protease 1 (hu- ***Asp1***) cDNA.

L6 ANSWER 121 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAS11516 cDNA DGENE
 TI Novel purified polypeptide comprising fragment of mammalian aspartyl
 protease 2, lacking Asp2 transmembrane domain and retaining beta
 secretase activity of Asp2 useful for identifying inhibitors of
 Asp2 activity -

IN Bienkowski M J; Gurney M E; Heinrikson R L; Parodi L A; Yan R
 PA (BIEN-I) BIENKOWSKI M J.
 (GURN-I) GURNEY M E.
 (HEIN-I) HEINRIKSON R L.
 (PARO-I) PARODI L A.
 (YANR-I) YAN R.

PI WO 2001049098 A2 20010712 185p
 AI WO 2001-IB798 20010509
 PRAI WO 2001-IB798 20010509

DT Patent
 LA English
 OS 2001-502549 [55]
 CR P-PSDB: AAU06602
 DESC Human cDNA encoding Aspartyl protease 1 (***Asp1***).

L6 ANSWER 122 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD13020 cDNA DGENE
 TI Novel purified polypeptide comprising fragment of mammalian aspartyl
 protease 2, lacking Asp2 transmembrane domain and retaining beta
 secretase activity of Asp2 useful for identifying inhibitors of
 Asp2 activity -

IN Bienkowski M J; Gurney M E; Heinrikson R L; Parodi L A; Yan R
 PA (BIEN-I) BIENKOWSKI M J.
 (GURN-I) GURNEY M E.
 (HEIN-I) HEINRIKSON R L.
 (PARO-I) PARODI L A.
 (YANR-I) YAN R.

PI WO 2001050829 A2 20010719 185p
 AI WO 2001-IB799 20010509
 PRAI WO 2001-IB799 20010509

DT Patent
 LA English
 OS 2001-483072 [52]
 CR P-PSDB: AAE06858
 DESC Human aspartyl protease 1 (Hu- ***Asp1***) cDNA.

L6 ANSWER 123 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD06775 DNA DGENE
 TI Enzymes that cleave the alpha- ***secretase*** site of the amyloid
 precursor protein, useful for the treatment of Alzheimer's disease -

IN Gurney M; Bienkowski M J
 PA (PHAA) PHARMACIA & UPJOHN CO.

PI WO 2001023533 A2 20010405 189p
 AI WO 2000-US26080 20000922
 PRAI US 1999-155493 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206

DT Patent
 LA English
 OS 2001-290516 [30]
 DESC Human Aspartyl protease-1 deltaTM (His)6 DNA antisense PCR primer.

L6 ANSWER 124 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD06774 DNA DGENE

TI Enzymes that cleave the alpha- *****secretase***** site of the amyloid precursor protein, useful for the treatment of Alzheimer's disease -
 IN Gurney M; Bienkowski M J
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2001023533 A2 20010405 189p
 AI WO 2000-US26080 20000922
 PRAI US 1999-155493 19990923
 WO 1999-US20881 19990923
 US 1999-416901 19991013
 US 1999-169232 19991206
 DT Patent
 LA English
 OS 2001-290516 [30]
 DESC Human Aspartyl protease-1 (Asp-1) deltaTM (His)6 DNA sense PCR primer.

L6 ANSWER 125 OF 145 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAA15661 cDNA DGENE
 TI New enzyme designated human aspartase useful in research into Alzheimer's Disease is capable of cleaving amyloid protein precursor at the beta *****secretase***** site to produce amyloid beta peptide -
 IN Gurney M E; Bienkowski M J; Heinrikson R L; Parodi L A; Yan R
 PA (PHAA) PHARMACIA & UPJOHN CO.
 PI WO 2000017369 A2 20000330 183p
 AI WO 1999-US20881 19990923
 PRAI US 1998-101594 19980924
 DT Patent
 LA English
 OS 2000-303209 [26]
 CR P-PSDB: AAY88424
 DESC Human aspartyl protease 1 (*****Asp1*****) nucleotide sequence.

L6 ANSWER 126 OF 145 IFIPAT COPYRIGHT 2004 IFI on STN
 AN 10359948 IFIPAT;IFIUDB;IFICDB
 TI METHOD OF REDUCING CELLULAR PRODUCTION OF AMYLOID BETA
 IN Bienkowski Michael J; Gurney Mark E; Heinrikson Robert L; Parodi Luis A (SE); Yan Riqiang
 PA Unassigned Or Assigned To Individual (68000)
 PI US 2003104365 A1 20030605
 AI US 2000-548366 20000412
 RLI US 1999-404133 19990923 CONTINUATION-IN-PART
 WO 1999-US20881 19990923 CONTINUATION-IN-PART
 US 1999-416901 19991013 DIVISION
 PRAI US 1998-101594P 19980924 (Provisional)
 US 1999-155493P 19990923 (Provisional)
 FI US 2003104365 20030605
 DT Utility; Patent Application - First Publication
 FS CHEMICAL APPLICATION
 CLMN 58
 GI 12 Figure(s).
 FIG. 1: FIG. 1 shows the nucleotide (SEQ ID NO: 1) and predicted amino acid sequence (SEQ ID NO: 2) of human *****Asp1*****.
 FIG. 2: FIG. 2 shows the nucleotide (SEQ ID NO: 3) and predicted amino acid sequence (SEQ ID NO: 4) of human Asp2(a).
 FIG. 3: FIG. 3 shows the nucleotide (SEQ ID NO: 5) and predicted amino acid sequence (SEQ ID NO: 6) of human Asp2(b). The predicted transmembrane domain of Hu-Asp2(b) is enclosed in brackets.
 FIG. 4: FIG. 4 shows the nucleotide (SEQ ID No. 7) and predicted amino acid sequence (SEQ ID No. 8) of murine Asp2(a).
 FIG. 5: FIG. 5 shows the BestFit alignment of the predicted amino acid sequences of Hu-Asp2(a) and murine Asp2(a).
 FIG. 6: FIG. 6 shows the nucleotide (SEQ ID No. 21) and predicted amino acid sequence (SEQ ID No. 22) of T7-Human-proAsp-2(a) Delta TM.
 FIG. 7: FIG. 7 shows the nucleotide (SEQ ID No. 23) and predicted amino acid sequence (SEQ ID No. 24) of T7-caspaseHuman-pro-Asp-2(a) Delta TM.
 FIG. 8: FIG. 8 shows the nucleotide (SEQ ID No. 25) and predicted amino acid sequence (SEQ ID No. 26) of Human-pro-Asp2(a) Delta TM (low GC).
 FIG. 9: Western blot showing reduction of CTF99 production by HEK125.3 cells transfected with antisense oligomers targeting the Hu-Asp2 mRNA.
 FIG. 10: Western blot showing increase in CTF99 production in mouse Neuro-2a cells cotransfected with *****APP***** -KK with and without Hu-Asp2 only in those cells cotransfected with Hu-Asp2. A further increase in CTF99 production is seen in cells cotransfected with *****APP***** -Sw-KK with and without Hu-Asp2 only in those cells cotransfected with Hu-Asp2.
 FIG. 11: FIG. 11 shows the predicted amino acid sequence (SEQ ID No. 30).

of Human-Asp2(a) Delta TM
FIG. 12: FIG. 11 shows the predicted amino acid sequence (SEQ ID No. 30)
of Human-Asp2(a) Delta TM(His)6

L6 ANSWER 127 OF 145 IFIPAT COPYRIGHT 2004 IFI on STN
AN 10332812 IFIPAT;IFIUDB;IFICDB
TI ALZHEIMER'S DISEASE, ***SECRETASE***, ***APP*** SUBSTRATES
THEREFOR, AND USES THEREFOR
IN Bienkowski Michael J; Gurney Mark E; Heinrikson Robert L; Parodi Luis A
(SE); Yan Riqiang
PA Unassigned Or Assigned To Individual (68000)
PI US 2003077226 A1 20030424
AI US 2001-869414 20010627
WO 2001-IB797 20010509
20010627 PCT 371 date
20010627 PCT 102(e) date
FI US 2003077226 20030424
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
CLMN 150
GI 12 Figure(s).
FIG. 1: FIG. 1 shows the nucleotide (SEQ ID NO: 1) and predicted amino
acid sequence (SEQ ID NO:2) of human ***Asp1***.
FIG. 2: FIG. 2 shows the nucleotide (SEQ ID NO:3) and predicted amino acid
sequence (SEQ ID NO:4) of human Asp2(a).
FIG. 3: FIG. 3 shows the nucleotide (SEQ ID NO:5) and predicted amino acid
sequence (SEQ ID NO:6) of human Asp2(b). The predicted transmembrane
domain of Hu-Asp2(b) is enclosed in brackets.
FIG. 4: FIG. 4 shows the nucleotide (SEQ ID No.7) and predicted amino acid
sequence (SEQ ID No. 8) of murine Asp2(a).
FIG. 5: FIG. 5 shows the BestFit alignment of the predicted amino acid
sequences of Hu-Asp2(a) (SEQ ID NO: 4) and murine Asp2(a) (SEQ ID NO: 8).
FIG. 6: FIG. 6 shows the nucleotide (SEQ ID No. 21) and predicted amino
acid sequence (SEQ ID No. 22) of T7-Human-proAsp-2(a) Delta TM.
FIG. 7: FIG. 7 shows the nucleotide (SEQ ID No. 23) and predicted amino
acid sequence (SEQ ID No. 24) of T7-caspaseHuman-pro-Asp-2(a) Delta TM.
FIG. 8: FIG. 8 shows the nucleotide (SEQ ID No. 25) and predicted amino
acid sequence (SEQ ID No. 26) of Human-pro-Asp2(a) Delta TM (low GC)
FIG. 9: Western blot showing reduction of CTF99 production by HEK125.3
cells transfected with antisense oligomers targeting the Hu-Asp2 mRNA.
FIG. 10: Western blot showing increase in CTF99 production in mouse
Neuro-2a cells cotransfected with ***APP*** -KK with and without
Hu-Asp2 only in those cells cotransfected with Hu-Asp2. A further
increase in CTF99 production is seen in cells cotransfected with
APP -Sw-KK with and without Hu-Asp2 only in those cells
cotransfected with Hu-Asp2.
FIG. 11: FIG. 11 shows the predicted amino acid sequence (SEQ ID No. 30)
of Human-Asp2(a) Delta TM.
FIG. 12: FIG. 11 shows the predicted amino acid sequence (SEQ ID No. 30)
of Human-Asp2(a) Delta TM(His)6

L6 ANSWER 128 OF 145 IFIPAT COPYRIGHT 2004 IFI on STN
AN 10138009 IFIPAT;IFIUDB;IFICDB
TI ALZHEIMER'S DISEASE ***SECRETASE***, ***APP*** SUBSTRATES
THEREFOR, AND USES THEREFOR; DETECTING PREFERENTIAL ENZYME INHIBITORS;
OBTAIN SAMPLE CONTAINING PROTEASE, INCUBATE WITH AMYLOID PRECURSOR
PROTEIN, INCUBATE WITH MODULATORS, COMPARE AMOUNT OF AMYLOID PRECURSOR
PROTEIN PROCESSING WITH CONTROL
IN Bienkowski Michael J; Gurney Mark E (IS); Heinrikson Robert L; Parodi
Luis A (SE); Yan Riqiang
PA Unassigned Or Assigned To Individual (68000)
PI US 2002081634 A1 20020627
AI US 2001-681442 20010405
RLI US 1999-416901 19991013 CONTINUATION PENDING
US 1999-404133 19990923 CONTINUATION-IN-PART PENDING
WO 1999-US20881 19990923 CONTINUATION-IN-PART UNKNOWN
PRAI US 1998-101594P 19980924 (Provisional)
US 1999-155493P 19990923 (Provisional)
FI US 2002081634 20020627
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
CLMN 28
GI 12 Figure(s).
FIG. 1: FIG. 1 shows the nucleotide (SEQ ID NO:1) and predicted amino acid

sequence (SEQ ID NO:2) of human ***Asp1*** .
 FIG. 2: FIG. 2 shows the nucleotide (SEQ ID NO:3) and predicted amino acid sequence (SEQ ID NO:4) of human Asp2(a).
 FIG. 3: FIG. 3 shows the nucleotide (SEQ ID NO:5) and predicted amino acid sequence (SEQ ID NO:6) of human Asp2(b). The predicted transmembrane domain of Hu-Asp2(b) is enclosed in brackets.
 FIG. 4: FIG. 4 shows the nucleotide (SEQ ID No. 7) and predicted amino acid sequence (SEQ ID No. 8) of murine Asp2(a).
 FIG. 5: FIG. 5 shows the BestFit alignment of the predicted amino acid sequences of Hu-Asp2(a) (SEQ ID NO:4) and murine Asp2(a) (SEQ ID NO:8).
 FIG. 6: FIG. 6 shows the nucleotide (SEQ ID No. 21) and predicted amino acid sequence (SEQ ID No.22) of T7-Human-proAsp-2(a) Delta TM.
 FIG. 7: FIG. 7 shows the nucleotide (SEQ ID No. 23) and predicted amino acid sequence (SEQ ID No.24) of T7-caspaseHuman-pro-Asp-2(a) Delta TM.
 FIG. 8: FIG. 8 shows the nucleotide (SEQ ID No. 25) and predicted amino acid sequence (SEQ ID No.26) of Human-pro-Asp2(a) Delta TM (low GC).
 FIG. 9: western blot showing reduction of CTF99 production by HEKI 25.3 cells transfected with antisense oligomers targeting the Hu-Asp2 mRNA.
 FIG. 10: western blot showing increase in CTF99 production in mouse Neuro-2a cells cotransfected with ***APP*** -KK with and without Hu-Asp2 only in those cells cotransfected with Hu-Asp2. A further increase in CTF99 production is seen in cells cotransfected with ***APP*** -Sw-KK with and without Hu-Asp2 only in those cells cotransfected with Hu-Asp2.
 FIG. 11: FIG. 11 shows the predicted amino acid sequence (SEQ ID No. 30) of Human-Asp2(a) Delta TM.
 FIG. 12: FIG. 11 shows the predicted amino acid sequence (SEQ ID No. 30) of Human-Asp2(a) Delta TM(His)6.

L6 ANSWER 129 OF 145 IFIPAT COPYRIGHT 2004 IFI on STN
 AN 10121212 IFIPAT;IFIUDB;IFICDB
 TI ALZHEIMER'S DISEASE ***SECRETASE*** , ***APP*** SUBSTRATES
 THEREFOR, AND USES THEREFOR; POLYPEPTIDE FOR USE IN THE TREATMENT AND
 PREVENTION OF NERVOUS SYSTEM DISORDERS
 IN Bienkowski Michael J; Gurney Mark E; Heinrikson Robert L; Parodi Luis A
 (SE); Yan Riqiang
 PA Pharmacia & Upjohn Co (40747)
 PI US 2002064819 A1 20020530
 AI US 2001-794925 20010227
 RLI US 1999-404133 19990923 CONTINUATION PENDING
 WO 1999-US20881 19990923 CONTINUATION UNKNOWN
 US 1999-416901 19991013 CONTINUATION PENDING
 PRAI US 1998-101594P 19980924 (Provisional)
 US 1999-155493P 19990923 (Provisional)
 FI US 2002064819 20020530
 DT Utility; Patent Application - First Publication
 FS CHEMICAL
 APPLICATION
 CLMN 23
 GI 8 Figure(s).

FIG. 1: FIG. 1 shows the nucleotide (SEQ ID NO: 1) and predicted amino acid sequence (SEQ ID NO:2) of human ***Asp1*** .
 FIG. 2: FIG. 2 shows the nucleotide (SEQ ID NO:3) and predicted amino acid sequence (SEQ ID NO:4) of human Asp2(a).
 FIG. 3: FIG. 3 shows the nucleotide (SEQ ID NO:5) and predicted amino acid sequence (SEQ ID NO:6) of human Asp2(b). The predicted transmembrane domain of Hu-Asp2(b) is enclosed in brackets.
 FIG. 4: FIG. 4 shows the nucleotide (SEQ ID No. 7) and predicted amino acid sequence (SEQ ID No. 8) of murine Asp2(a) FIG. 5: FIG. 5 shows the BestFit alignment of the predicted amino acid sequences of Hu-Asp2(a) (SEQ ID NO: 4) and murine Asp2(a) (SEQ ID NO: 8).
 FIG. 6: FIG. 6 shows the nucleotide (SEQ ID No. 21) and predicted amino acid sequence (SEQ ID No. 22) of T7-Human-proAsp-2(a) Delta TM FIG. 7: FIG. 7 shows the nucleotide (SEQ ID No. 23) and predicted amino acid sequence (SEQ ID No. 24) of T7caspase-Human-pro-Asp-2(a) Delta TM FIG. 8: FIG. 8 shows the nucleotide (SEQ ID No. 25) and predicted amino acid sequence (SEQ ID No. 26) of Human-pro-Asp-2(a) Delta TM (low GC) FIG. 9: western blot showing reduction of CTF99 production by HEK125.3 cells transfected with antisense oligomers targeting the HuAsp2 mRNA.
 FIG. 10: western blot showing increase in CTF99 production in mouse Neuro-2a cells cotransfected with ***APP*** -KK with and without Hu-Asp2 only in those cells cotransfected with Hu-Asp2. A further increase in CTF99 production is seen in cells cotransfected with ***APP*** -Sw-KK with and without Hu-Asp2 only in those cells cotransfected with Hu-Asp2
 FIG. 11: FIG. 11 shows the predicted amino acid sequence (SEQ ID No. 30)

of Human-Asp2(a) Delta TM
 FIG. 12: FIG. 11 shows the predicted amino acid sequence (SEQ ID No. 30)
 of Human-Asp2(a) Delta TM(His)6

L6 ANSWER 130 OF 145 IFIPAT COPYRIGHT 2004 IFI on STN
 AN 10021384 IFIPAT;IFIUDB;IFICDB
 TI ALZHEIMER'S DISEASE ***SECRETASE***, ***APP*** SUBSTRATES
 THEREFOR, AND USES THEREFOR; ISOLATED POLYPEPTIDE
 IN Bienkowski Michael J; Gurney Mark E; Heinrikson Robert L; Parodi Luis A
 (SE); Yan Riqiang
 PA Pharmacia & Upjohn Co (40747)
 PI US 2001021391 A1 20010913
 AI US 2001-794743 20010227
 RLI US 1999-404133 19990923 CONTINUATION
 WO 1999-US20881 19990923 CONTINUATION
 US 1999-416901 19991013 CONTINUATION
 PRAI US 1998-101594P 19980924 (Provisional)
 US 1999-155493P 19990923 (Provisional)
 FI US 2001021391 20010913
 DT Utility; Patent Application - First Publication
 FS CHEMICAL
 APPLICATION
 CLMN 16
 GI 12 Figure(s).
 FIG. 1: FIG. 1 shows the nucleotide (SEQ ID NO: 1) and predicted amino
 acid sequence (SEQ ID NO:2) of human ***Asp1***.
 FIG. 2: FIG. 2 shows the nucleotide (SEQ ID NO:3) and predicted amino acid
 sequence (SEQ ID NO:4) of human Asp2(a).
 FIG. 3: FIG. 3 shows the nucleotide (SEQ ID NO:5) and predicted amino acid
 sequence (SEQ ID NO:6) of human Asp2(b). The predicted transmembrane
 domain of Hu-Asp2(b) is enclosed in brackets.
 FIG. 4: FIG. 4 shows the nucleotide (SEQ ID No. 7) and predicted amino
 acid sequence (SEQ ID No. 8) of murine Asp2(a).
 FIG. 5: FIG. 5 shows the BestFit alignment of the predicted amino acid
 sequences of Hu-Asp2(a) (SEQ ID NO: 4) and murine Asp2(a) (SEQ ID NO: 8).
 FIG. 6: FIG. 6 shows the nucleotide (SEQ ID No. 21) and predicted amino
 acid sequence (SEQ ID No. 22) of T7-Human-proAsp-2(a) Delta TM
 FIG. 7: FIG. 7 shows the nucleotide (SEQ ID No. 23) and predicted amino
 acid sequence (SEQ ID No. 24) of T7-caspaseHuman-pro-Asp-2(a) Delta TM
 FIG. 8: FIG. 8 shows the nucleotide (SEQ ID No. 25) and predicted amino
 acid sequence (SEQ ID No. 26) of Human-pro-Asp2(a) Delta TM (low GC)
 FIG. 9: Western blot showing reduction of CTF99 production by HEK125.3
 cells transfected with antisense oligomers targeting the Hu-Asp2 mRNA.
 FIG. 10: Western blot showing increase in CTF99 production in mouse
 Neuro-2a cells cotransfected with ***APP*** -KK with and without
 Hu-Asp2 only in those cells cotransfected with Hu-Asp2. A further
 increase in CTF99 production is seen in cells cotransfected with
 APP -Sw-KK with and without Hu-Asp2 only in those cells
 cotransfected with Hu-Asp2
 FIG. 11: FIG. 11 shows the predicted amino acid sequence (SEQ ID No. 30)
 of Human-Asp2(a) Delta TM
 FIG. 12: FIG. 11 shows the predicted amino acid sequence (SEQ ID No. 30)
 of Human-Asp2(a) Delta TM(His)6

L6 ANSWER 131 OF 145 IFIPAT COPYRIGHT 2004 IFI on STN
 AN 10018206 IFIPAT;IFIUDB;IFICDB
 TI ALZHEIMER'S DISEASE ***SECRETASE***, ***APP*** SUBSTRATES
 THEREFOR, AND USES THEREFOR; POLYNUCLEOTIDE ENCODING POLYPEPTIDE
 COMPRISING FRAGMENT OF MAMMALIAN ASPARTYL PROTEASE PROTEIN (ASP2) WITH
 BETA- ***SECRETASE*** ACTIVITY; TREATMENT OF ALZHEIMER'S DISEASE
 IN Bienkowski Michael J; Gurney Mark E; Heinrikson Robert L; Parodi Luis A
 (SE); Yan Riqiang
 PA Pharmacia & Upjohn Co (40747)
 PI US 2001018208 A1 20010830
 AI US 2001-795847 20010228
 RLI US 1999-404133 19990923 CONTINUATION
 WO 1999-US20881 19990923 CONTINUATION
 US 1999-416901 19991013 CONTINUATION
 PRAI US 1998-101594P 19980924 (Provisional)
 US 1999-155493P 19990923 (Provisional)
 FI US 2001018208 20010830
 DT Utility; Patent Application - First Publication
 FS CHEMICAL
 APPLICATION
 CLMN 44
 GI 12 Figure(s).

FIG. 1: FIG. 1 shows the nucleotide (SEQ ID NO: 1) and predicted amino acid sequence (SEQ ID NO: 2) of human ***Asp1***.

FIG. 2: FIG. 2 shows the nucleotide (SEQ ID NO: 3) and predicted amino acid sequence (SEQ ID NO: 4) of human Asp2(a).

FIG. 3: FIG. 3 shows the nucleotide (SEQ ID NO: 5) and predicted amino acid sequence (SEQ ID NO: 6) of human Asp2(b). The predicted transmembrane domain of Hu-Asp2(b) is enclosed in brackets.

FIG. 4: FIG. 4 shows the nucleotide (SEQ ID No. 7) and predicted amino acid sequence (SEQ ID No. 8) of murine Asp2(a).

FIG. 5: FIG. 5 shows the BestFit alignment of the predicted amino acid sequences of Hu-Asp2(a) (SEQ ID NO: 4) and murine Asp2(a) (SEQ ID NO: 8).

FIG. 6: FIG. 6 shows the nucleotide (SEQ ID No. 21) and predicted amino acid sequence (SEQ ID No. 22) of T7-Human-proAsp-2(a) Delta TM.

FIG. 7: FIG. 7 shows the nucleotide (SEQ ID No. 23) and predicted amino acid sequence (SEQ ID No. 24) of T7-caspaseHuman-pro-Asp-2(a) Delta TM.

FIG. 8: FIG. 8 shows the nucleotide (SEQ ID No. 25) and predicted amino acid sequence (SEQ ID No. 26) of Human-pro-Asp2(a) Delta TM (low GC).

FIG. 9: Western blot showing reduction of CTF99 production by HEK125.3 cells transfected with antisense oligomers targeting the Hu-Asp2 mRNA.

FIG. 10: Western blot showing increase in CTF99 production in mouse Neuro-2a cells cotransfected with ***APP*** -KK with and without Hu-Asp2 only in those cells cotransfected with Hu-Asp2. A further increase in CTF99 production is seen in cells cotransfected with ***APP*** -Sw-KK with and without Hu-Asp2 only in those cells cotransfected with Hu-Asp2.

FIG. 11: FIG. 11 shows the predicted amino acid sequence (SEQ ID No. 30) of Human-Asp2(a) Delta TM.

FIG. 12: FIG. 11 shows the predicted amino acid sequence (SEQ ID No. 30) of Human-Asp2(a) Delta TM(His)6.

L6 ANSWER 132 OF 145 IFIPAT COPYRIGHT 2004 IFI on STN

AN 10016322 IFIPAT;IFIUDB;IFICDB

TI ALZHEIMER'S DISEASE ***SECRETASE***, ***APP*** SUBSTRATES

IN THEREFOR, AND USES THEREFOR; ENZYMATIC SPLITTING

IN Bienkowski Michael J; Gurney Mark E; Heinrikson Robert L; Parodi Luis A (SE); Yan Riqiang

PA Pharmacia & Upjohn Co (40747)

PI US 2001016324 A1 20010823

AI US 2001-794927 20010227

RLI US 1999-404133 19990923 CONTINUATION

WO 1999-US20881 19990923 CONTINUATION

US 1999-416901 19991013 CONTINUATION

PRAI US 1998-101594P 19980924 (Provisional)

US 1999-155493P 19990923 (Provisional)

FI US 2001016324 20010823

DT Utility; Patent Application - First Publication

FS CHEMICAL

CLMN APPLICATION

GI 28

GI 11 Figure(s).

FIG. 1: FIG. 1 shows the nucleotide (SEQ ID NO: 1) and predicted amino acid sequence (SEQ ID NO: 2) of human ***Asp1***.

FIG. 2: FIG. 2 shows the nucleotide (SEQ ID NO: 3) and predicted amino acid sequence (SEQ ID NO: 4) of human Asp2(a).

FIG. 3: FIG. 3 shows the nucleotide (SEQ ID NO: 5) and predicted amino acid sequence (SEQ ID NO: 6) of human Asp2(b). The predicted transmembrane domain of Hu-Asp2(b) is enclosed in brackets.

FIG. 4: FIG. 4 shows the nucleotide (SEQ ID No. 7) and predicted amino acid sequence (SEQ ID No. 8) of murine Asp2(a).

FIG. 5: FIG. 5 shows the BestFit alignment of the predicted amino acid sequences of Hu-Asp2(a) (SEQ ID NO: 4) and murine Asp2(a) (SEQ ID NO: 8).

FIG. 6: FIG. 6 shows the nucleotide (SEQ ID No. 21) and predicted amino acid sequence (SEQ ID No. 22) of T7-Human-proAsp-2(a) Delta TM.

FIG. 7: FIG. 7 shows the nucleotide (SEQ ID No. 23) and predicted amino acid sequence (SEQ ID No. 24) of T7-caspaseHuman-pro-Asp-2(a) Delta TM.

FIG. 8: FIG. 8 shows the nucleotide (SEQ ID No. 25) and predicted amino acid sequence (SEQ ID No. 26) of Human-pro-Asp2(a) Delta TM (low GC).

FIG. 9: Western blot showing reduction of CTF99 production by HEK125.3 cells transfected with antisense oligomers targeting the Hu-Asp2 mRNA.

FIG. 10: Western blot showing increase in CTF99 production in mouse Neuro-2a cells cotransfected with ***APP*** -KK with and without Hu-Asp2 only in those cells cotransfected with Hu-Asp2. A further increase in CTF99 production is seen in cells cotransfected with ***APP*** -Sw-KK with and without Hu-Asp2 only in those cells cotransfected with Hu-Asp2.

FIG. 11: FIG. 11 shows the predicted amino acid sequence (SEQ ID No. 30)

of Human-Asp2(a) Delta TM FIG. 12: FIG. 11 shows the predicted amino acid sequence (SEQ ID No. 30) of Human-Asp2(a) Delta TM(His)6

L6 ANSWER 133 OF 145 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2003:68178 SCISEARCH
GA The Genuine Article (R) Number: 632AN
TI beta- ***Secretase*** (BACE) as a drug target for alzheimer's disease
AU Vassar R (Reprint)
CS Northwestern Univ, Sch Med, Dept Cell & Mol Biol, 303 E Chicago Ave,
Chicago, IL 60611 USA (Reprint); Northwestern Univ, Sch Med, Dept Cell &
Mol Biol, Chicago, IL 60611 USA
CYA USA
SO ADVANCED DRUG DELIVERY REVIEWS, (7 DEC 2002) Vol. 54, No. 12, pp.
1589-1602.
Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM,
NETHERLANDS.
ISSN: 0169-409X.
DT General Review; Journal
LA English
REC Reference Count: 63
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L6 ANSWER 134 OF 145 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2002:924137 SCISEARCH
GA The Genuine Article (R) Number: 613CX
TI Enzymic properties of recombinant BACE2
AU Kim Y T (Reprint); Downs D; Wu S L; Dashti A; Pan Y J; Zhai P; Wang X J;
Zhang X J C; Lin X L
CS Oklahoma Med Res Fdn, Funct Proteom Lab, 825 NE 13th St, Oklahoma City, OK
73104 USA (Reprint); Oklahoma Med Res Fdn, Funct Proteom Lab, Oklahoma
City, OK 73104 USA; Oklahoma Med Res Fdn, Crystallog Program, Oklahoma
City, OK 73104 USA; Proteomtech Inc, Oklahoma City, OK USA; Peking Univ,
Hlth Sci Ctr, Dept Biochem & Mol Biol, Beijing 100871, Peoples R China;
Univ Oklahoma, Med Ctr, Dept Pathol, Oklahoma City, OK USA
CYA USA; Peoples R China
SO EUROPEAN JOURNAL OF BIOCHEMISTRY, (NOV 2002) Vol. 269, No. 22, pp.
5668-5677.
Publisher: BLACKWELL PUBLISHING LTD, P O BOX 88, OSNEY MEAD, OXFORD OX2
ONE, OXON, ENGLAND.
ISSN: 0014-2956.
DT Article; Journal
LA English
REC Reference Count: 48
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L6 ANSWER 135 OF 145 USPATFULL on STN
AN 2004:53297 USPATFULL
TI Alzheimer's disease ***secretase*** , ***APP*** substrates
therefor, and uses therefor
IN Gurney, Mark E., Grand Rapids, MI, United States
Bienkowski, Michael J., Portage, MI, United States
Heinrikson, Robert L., Plainwell, MI, United States
Parodi, Luis A., Stockholm, SWEDEN
Yan, Riqiang, Kalamazoo, MI, United States
PA Pharmacia & Upjohn Company, Kalamazoo, MI, United States (U.S.
corporation)
PI US 6699671 B1 20040302
AI US 1999-416901 19991013 (9)
RLI Continuation-in-part of Ser. No. US 1999-404133, filed on 23 Sep 1999,
now abandoned Continuation-in-part of Ser. No. WO 1999-US20881, filed on
23 Sep 1999
PRAI US 1999-155493P 19990923 (60)
US 1998-101594P 19980924 (60)
DT Utility
FS GRANTED
LN.CNT 5439
INCL INCLM: 435/007.100
INCLS: 530/350.000; 530/300.000
NCL NCLM: 435/007.100
NCLS: 530/350.000; 530/300.000
IC [7]
ICM: G01N033-53
ICS: C07K017-00; A61K038-00
EXF 530/300; 530/350
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 136 OF 145 USPATFULL on STN
 AN 2003:318772 USPATFULL
 TI Antisense modulation of beta-site ***APP*** -cleaving enzyme 2
 expression
 IN Dobie, Kenneth W., Del Mar, CA, UNITED STATES
 PA Isis Pharmaceuticals Inc. (U.S. corporation)
 PI US 2003224517 A1 20031204
 AI US 2002-163272 A1 20020604 (10)
 DT Utility
 FS APPLICATION
 LN.CNT 4064
 INCL INCLM: 435/375.000
 INCLS: 514/044.000; 536/023.200
 NCL NCLM: 435/375.000
 NCLS: 514/044.000; 536/023.200
 IC [7]
 ICM: A61K048-00
 ICS: C07H021-04; C12N005-00
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 137 OF 145 USPATFULL on STN
 AN 2003:244877 USPATFULL
 TI Novel treatment
 IN Christie, Gary, Bishop's Stortford, UNITED KINGDOM
 Hussain, Ishrut, Harlow, UNITED KINGDOM
 Powell, David J., Bishop's Stortford, UNITED KINGDOM
 PA SmithKline Beecham Corporation (non-U.S. corporation)
 PI US 2003171291 A1 20030911
 AI US 2003-354955 A1 20030130 (10)
 RLI Continuation of Ser. No. US 2000-693744, filed on 20 oct 2000, ABANDONED
 PRAI GB 1999-25136 19991022
 DT Utility
 FS APPLICATION
 LN.CNT 1054
 INCL INCLM: 514/012.000
 INCLS: 435/007.200; 435/023.000; 435/006.000; 514/017.000
 NCL NCLM: 514/012.000
 NCLS: 435/007.200; 435/023.000; 435/006.000; 514/017.000
 IC [7]
 ICM: C12Q001-68
 ICS: G01N033-53; G01N033-567; C12Q001-37; A61K038-08
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 138 OF 145 USPATFULL on STN
 AN 2003:159365 USPATFULL
 TI Whole cell assay systems for cell surface proteases
 IN Ciambone, Gary J., Redwood City, CA, UNITED STATES
 Gibbons, Ian, Portola Valley, CA, UNITED STATES
 PI US 2003108978 A1 20030612
 AI US 2002-281458 A1 20021025 (10)
 PRAI US 2001-337641P 20011025 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 2061
 INCL INCLM: 435/024.000
 INCLS: 435/810.000
 NCL NCLM: 435/024.000
 NCLS: 435/810.000
 IC [7]
 ICM: C12Q001-37
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 139 OF 145 USPATFULL on STN
 AN 2003:134541 USPATFULL
 TI Inhibitors of memapsin 2 and use thereof
 IN Tang, Jordan J. N., Edmond, OK, UNITED STATES
 Koelsch, Gerald, Oklahoma City, OK, UNITED STATES
 Ghosh, Arun K., River Forest, IL, UNITED STATES
 PA Oklahoma Medical Research Foundation, Oklahoma City, OK (U.S.
 corporation)
 PI US 2003092629 A1 20030515
 AI US 2001-32818 A1 20011228 (10)
 PRAI US 2001-275756P 20010314 (60)
 US 2000-258705P 20001228 (60)
 DT Utility
 FS APPLICATION

LN.CNT 2203
INCL INCLM: 514/013.000
INCLS: 530/326.000
NCL NCLM: 514/013.000
NCLS: 530/326.000
IC [7]
ICM: A61K038-10
ICS: C07K007-08
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 140 OF 145 USPATFULL on STN
AN 2003:24148 USPATFULL
TI Substrates and assays for beta- ***secretase*** activity
IN Yan, Riqiang, Kalamazoo, MI, UNITED STATES
Tomasselli, Alfredo G., Kalamazoo, MI, UNITED STATES
Gurney, Mark E., Grand Rapids, MI, UNITED STATES
Emmons, Thomas L., Portage, MI, UNITED STATES
Bienkowski, Michael Jerome, Portage, MI, UNITED STATES
Heinrikson, Robert L., Plainwell, MI, UNITED STATES
PI US 2003017991 A1 20030123
AI US 2001-908943 A1 20010719 (9)
PRAI US 2000-219795P 20000719 (60)
US 2001-275251P 20010312 (60)

DT Utility
FS APPLICATION
LN.CNT 5259
INCL INCLM: 514/018.000
INCLS: 530/330.000
NCL NCLM: 514/018.000
NCLS: 530/330.000
IC [7]
ICM: A61K038-07
ICS: C07K005-10
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 141 OF 145 USPATFULL on STN
AN 2002:346816 USPATFULL
TI Aspartyl protease 2 (Asp2) antisense oligonucleotides
IN Gurney, Mark E., Grand Rapids, MI, United States
Bienkowski, Michael J., Portage, MI, United States
Heinrikson, Robert L., Plainwell, MI, United States
Parodi, Luis A., Stockholm, SWEDEN
Yan, Riqiang, Kalamazoo, MI, United States
PA Pharmacia & Upjohn Company, Kalamazoo, MI, United States (U.S.
corporation)
PI US 6500667 B1 20021231
AI US 2000-551853 20000418 (9)
RLI Division of Ser. No. US 1999-416901, filed on 13 oct 1999
Continuation-in-part of Ser. No. US 1999-404133, filed on 23 sep 1999
Continuation-in-part of Ser. No. WO 1999-US20881, filed on 23 sep 1999
PRAI US 1998-101594P 19980924 (60)
US 1999-155493P 19990923 (60)

DT Utility
FS GRANTED
LN.CNT 5638
INCL INCLM: 435/375.000
INCLS: 536/023.100; 536/024.100; 536/024.500; 514/044.000
NCL NCLM: 435/375.000
NCLS: 514/044.000; 536/023.100; 536/024.100; 536/024.500
IC [7]
ICM: C12N005-00
EXF 536/23.1; 536/24.1; 536/24.5; 514/44
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 142 OF 145 USPATFULL on STN
AN 2002:217052 USPATFULL
TI Alzheimer's disease ***secretase*** , ***APP*** substrates
therefor, and uses therefor
IN Gurney, Mark E., 910 Rosewood Ave. SE., Grand Rapids, MI, United States
49506
Bienkowski, Michael J., 3431 Hollow Wood, Portage, MI, United States
49024
Heinrikson, Robert L., 81 S. Lake Doster Dr., Plainwell, MI, United
States 49080
Parodi, Luis A., Grevgafar 24, S-11543 Stockholm, SWEDEN
Yan, Riqiang, 5026 Queen Victoria St., Kalamazoo, MI, United States

49009
PI US 6440698 B1 20020827
AI US 2000-548367 20000412 (9)
RLI Division of Ser. No. US 1999-416901, filed on 13 Oct 1999
Continuation-in-part of Ser. No. US 1999-404133, filed on 23 Sep 1999
Continuation-in-part of Ser. No. WO 1999-US20881, filed on 23 Sep 1999
PRAI US 1999-155493P 19990923 (60)
US 1998-101594P 19980924 (60)
DT Utility
FS GRANTED
LN.CNT 5651
INCL INCLM: 435/069.100
INCLS: 435/252.300; 435/325.000; 435/320.100; 536/023.100
NCL NCLM: 435/069.100
NCLS: 435/252.300; 435/320.100; 435/325.000; 536/023.100
IC [7]
ICM: C12P021-06
ICS: C12N001-20; C12N018-00; C07H021-04
EXF 435/70.1; 435/69.1; 435/252.3; 435/320.1; 435/325; 435/183; 435/212;
435/219; 536/23.1; 536/23.4; 536/23.7; 536/23.5; 536/24.3; 514/2;
424/94.63; 530/300; 530/350
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 143 OF 145 USPATFULL on STN
AN 2002:175286 USPATFULL
TI Alzheimer's disease ***secretase*** , ***APP*** substrates
therefor, and uses thereof
IN Gurney, Mark E., Grand Rapids, MI, United States
Bienkowski, Michael J., Portage, MI, United States
Heinrikson, Robert L., Plainwell, MI, United States
Parodi, Luis A., Stockholm, SWEDEN
Yan, Riqiang, Kalamazoo, MI, United States
PA Pharmacia & Upjohn Company, Kalamazoo, MI, United States (U.S.
corporation)
PI US 6420534 B1 20020716
AI US 2000-548372 20000412 (9)
RLI Division of Ser. No. US 1999-416901, filed on 13 Oct 1999
Continuation-in-part of Ser. No. US 1999-404133, filed on 23 Sep 1999
Continuation-in-part of Ser. No. WO 1999-US20881, filed on 23 Sep 1999
PRAI US 1999-155493P 19990923 (60)
US 1998-101594P 19980924 (60)
DT Utility
FS GRANTED
LN.CNT 5653
INCL INCLM: 530/827.000
INCLS: 530/350.000; 435/023.000; 435/024.000
NCL NCLM: 435/226.000
NCLS: 435/023.000; 435/024.000; 435/069.100; 530/350.000
IC [7]
ICM: C07K001-00
ICS: C07K014-00; C07K017-00; C12Q001-37
EXF 530/300; 530/350; 530/827; 435/23; 435/24
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 144 OF 145 USPATFULL on STN
AN 2002:66664 USPATFULL
TI Alzheimer's disease ***secretase*** , ***APP*** substrates
therefor, and uses therefor
IN Gurney, Mark E., Grand Rapids, MI, UNITED STATES
Bienkowski, Michael J., Portage, MI, UNITED STATES
Heinrikson, Robert L., Plainwell, MI, UNITED STATES
Parodi, Luis A., Stockholm, SWEDEN
Yan, Riqiang, Kalamazoo, MI, UNITED STATES
PA Pharmacia & Upjohn Company (U.S. corporation)
PI US 2002037315 A1 20020328
AI US 2001-794748 A1 20010227 (9)
RLI Continuation of Ser. No. US 1999-416901, filed on 13 Oct 1999, PENDING
Continuation of Ser. No. US 1999-404133, filed on 23 Sep 1999, PENDING
Continuation of Ser. No. WO 1999-US20881, filed on 23 Sep 1999, UNKNOWN
PRAI US 1999-155493P 19990923 (60)
US 1998-101594P 19980924 (60)
DT Utility
FS APPLICATION
LN.CNT 5440
INCL INCLM: 424/450.000
INCLS: 424/093.210; 514/044.000

NCL NCLM: 424/450.000
NCLS: 424/093.210; 514/044.000
IC [7]
ICM: A61K048-00
ICS: A61K009-127

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 145 OF 145 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN
AN 2001-444208 [48] WPIDS
CR 2000-303209 [24]; 2001-290516 [30]
DNN N2001-328663 DNC C2001-134535
TI Polypeptide comprising fragments of human aspartyl protease with amyloid precursor protein processing activity and alpha- ***secretase*** activity, for identifying modulators useful in treating Alzheimer's disease.
DC B04 D16 S03
IN BIENKOWSKI, M J; GURNEY, M
PA (PHAA) PHARMACIA & UPJOHN CO
CYC 1
PI GB 2357767 A 20010704 (200148)* 187p C07K014-47
ADT GB 2357767 A GB 2000-23315 20000922
PRAI US 1999-169232P 19991206; US 1999-155493P 19990923; US 1999-404133 19990923; WO 1999-US20881 19990923; US 1999-416901 19991013
IC ICM C07K014-47
ICS A61K038-00; A61P025-28; C12N001-21; C12N009-64; C12N015-57; C12Q001-68; G01N033-68
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